IN THE CLAIMS:

Please amend Claims 1, 8, and 9 to read as follows.

1.   (Currently Amended) An image processing method for converting data dependent on a first illuminating light into data dependent on a second illuminating light, comprising the steps of:

storing a conversion condition for a light source having a high color rendering property ~~properties~~ and a conversion condition for a light source having a low color rendering property ~~properties~~;

generating data indicating a proportion of synthesis of the stored conversion condition for the light source having the high color rendering property ~~properties~~ and the light source having the low color rendering property ~~properties~~, corresponding to the second illuminating light;

generating a first conversion condition from the stored conversion condition for the light source having the high color rendering property ~~properties~~ and from the stored conversion condition for the light source having the low color rendering property ~~properties~~, according to the data indicating the proportion of synthesis;

generating a second conversion condition for color temperature conversion, based on color temperature information of the second illuminating light; and

converting data dependent on the first illuminating light into data dependent on

the second illuminating light using the first conversion condition and the second conversion

condition,

wherein the conversion condition for the light source having the high color

rendering property properties is obtained from measurement data of plural patches under the light

source having the high color rendering property properties and measurement data of the plural

patches under a standard light source, and

the conversion condition for the light source having the low color rendering

property properties is obtained from measurement data of plural patches under the light source

having the low color rendering property properties and measurement data of the plural patches

under the standard light source.

2.   (Canceled)

3.   (Previously Presented) An image processing method according to claim

1, wherein data indicating proportions of plural syntheses are stored in advance according to

kinds of illuminating light.

4.   (Previously Presented) An image processing method according to claim

3, wherein the kind of the second illuminating light is designated by a user and the data

indicating the proportion of synthesis are selected according to the designated kind of the second illuminating light.

5. (Previously Presented) An image processing method according to claim 1, wherein the data indicating the proportion of synthesis are generated according to a manual instruction of a user.

6. (Previously Presented) An image processing method according to claim 1, wherein the data indicating the proportion of synthesis are generated according to an output from a sensor for measuring illuminating light.

7. (Previously Presented) An image processing method according to claim 1, wherein the conversion data are matrix data.

8. (Currently Amended) An image processing apparatus for converting data dependent on a first illuminating light into data dependent on a second illuminating light, comprising:

a data storing unit for storing a conversion condition for a light source having a high color rendering property properties and a conversion condition for a light source having a low color rendering property properties;

a generating unit for generating data indicating a proportion of synthesis of the stored conversion conditions for the light source having the high color rendering property ~~properties~~ and the light source having the low color rendering property ~~properties~~, corresponding to the second illuminating light;

a first calculating unit for generating a first conversion condition from the stored conversion condition for the light source having the high color rendering property ~~properties~~ and from the stored conversion condition for the light source having the low color rendering property ~~properties~~, according to the data indicating the proportion of synthesis;

a second calculating unit for generating a second conversion condition based on color temperature information of the second illuminating light; and

a converting unit for converting data dependent on the first illuminating light into data dependent on the second illuminating light using the first conversion condition and the second conversion condition,

wherein the conversion condition for the light source having the high color rendering property ~~properties~~ is obtained from measurement data of plural patches under the light source having the high color rendering property ~~properties~~ and measurement data of the plural patches under a standard light source, and

the conversion condition for the light source having the low color rendering property ~~properties~~ is obtained from measurement data of plural patches under the light source having the low color rendering property ~~properties~~ and measurement data of the plural patches under the standard light source.

9.   (Currently Amended) A ~~control~~ computer <u>control</u> program embodied in a computer-readable medium, for converting data dependent on a first illuminating light into data dependent on a second illuminating light, said program causing a computer to perform the steps of:

storing a conversion condition for a light source having <u>a</u> high color rendering <u>property</u> ~~properties~~ and a conversion condition for a light source having <u>a</u> low color rendering <u>property</u> ~~properties~~;

generating data indicating a proportion of synthesis of the stored conversion conditions for the light source having <u>the</u> high color rendering <u>property</u> ~~properties~~ and the light source having <u>the</u> low color rendering <u>property</u> ~~properties~~, corresponding to the second illuminating light;

generating a first conversion condition from the stored conversion condition for the light source having <u>the</u> high color rendering <u>property</u> ~~properties~~ and from the stored conversion condition for the light source having <u>the</u> low color rendering <u>property</u> ~~properties~~, according to the data indicating the proportion of synthesis;

generating a second conversion condition based on color temperature information of the second illuminating light; and

converting data dependent on the first illuminating light into data dependent on the second illuminating light using the first conversion condition and the second conversion condition,

wherein the conversion condition for the light source having <u>the</u> high color

rendering <u>property</u> ~~properties~~ is obtained from measurement data of plural patches under the light

source having <u>the</u> high color rendering <u>property</u> ~~properties~~ and measurement data of the plural

patches under a standard light source, and

the conversion condition for the light source having <u>the</u> low color rendering

<u>property</u> ~~properties~~ is obtained from measurement data of plural patches under the light source

having <u>the</u> low color rendering <u>property</u> ~~properties~~ and measurement data of the plural patches

under the standard light source.

10-18. (Canceled)

19. (Previously Presented) An image processing method according to

Claim 1, further comprising a step of providing a preview image based on the converted data.

20-23. (Canceled)